



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

TRANSACTIONS  
OF THE  
AMERICAN PHILOSOPHICAL SOCIETY,  
HELD AT PHILADELPHIA,  
FOR PROMOTING USEFUL KNOWLEDGE.

---

VOL. XVI.—NEW SERIES.

---

PUBLISHED BY THE SOCIETY.

---

Philadelphia:  
MACCALLA & COMPANY, PRINTERS,  
1890.

# CONTENTS OF VOL. XVI.

## PART I.

### ARTICLE I.

A Dictionary of the Egyptian Language. By Edward Y. McCauley, U. S. N. . . . .	PAGE 1
--	-----------

## PART II.

### ARTICLE II.

On the Intercentrum of the Terrestrial Vertebrata. By E. D. Cope. (With 6 cuts and a plate.) . . . .	243
--	-----

### ARTICLE III.

A Chemical Study of Yucca Angustifolia. By H. C. De S. Abbott. . . . .	254
--	-----

### ARTICLE IV.

Systematic Catalogue of the Species of Vertebrata found in the Beds of the Permian Epoch in North America. With Notes and Descriptions. By E. D. Cope. (With a cut and two plates.) . . . .	285
---	-----

### ARTICLE V.

Synopsis of the Vertebrate Fauna of the Puerco Series. By E. D. Cope. (With 12 cuts and 2 plates.) . . . .	298
--	-----

### ARTICLE VI.

On the Shoulder-Girdle and Extremities of Eryops. By E. D. Cope. (With a plate.) . . . .	362
--	-----

## PART III.

### ARTICLE VII.

The Cretaceous and Tertiary Geology of the Sergipe-Alagoas Basin of Brazil. By John C. Branner. (With 10 cuts and 5 plates.) . . . .	369
--	-----

### ARTICLE VIII.

Descriptions of New Species of Fossils from the Clinton, Lower Helderberg, Chemung, and Waverly Groups, found in the Collections of the Geological Survey of Pennsylvania. By George B. Simpson. (With 31 cuts.) . . . .	435
--	-----

### ARTICLE IX.

The Mammalia of the Uinta Formation. By William B. Scott and Henry Fairfield Osborn. (With 13 cuts and 5 plates.) . . . .	461
---	-----